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WHAT IS CLAIMED IS:

1. A diversity antenna apparatus for a portable wireless terminal provided with a
main body having a main board installed therein and a folder electrically connected to the
main board by a flexible printed data cable so as to be rotatably opened from and closed into
5 the main body, comprising:

a first antenna protruding from an upper end of the main body on a first side of the
terminal so as to perform a transmitting and receiving function; and

a second antenna installed on an upper end of the main board on a second side of the
terminal and separated from the first antenna so as to perform a diversity receiving function.

10 2. The diversity antenna apparatus for a portable wireless terminal as set forth in
claim 1, wherein the flexible printed data cable is connected to a front surface of the main
board, and the second antenna is installed on a rear surface of the main board.

3. The diversity antenna apparatus for a portable wireless terminal as set forth in
claim 1, wherein the flexible printed data cable is connected to a rear surface of the main
15 board, and the second antenna is installed on a front surface of the main board.

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4. The diversity antenna apparatus for a portable wireless terminal as set forth in claim 1, wherein the flexible printed data cable is connected to a center of a front surface of the main board.

5 5. The diversity antenna apparatus for a portable wireless terminal as set forth in claim 1, wherein the flexible printed data cable is connected to the main board below the second antenna with respect to the upper end.

6. The diversity antenna apparatus for a portable wireless terminal as set forth in claim 1, wherein the second antenna is installed on the main board and separated from the
10 main board by a designated depth.

7. The diversity antenna apparatus for a portable wireless terminal as set forth in claim 1, wherein the second antenna is selected from the group consisting of a PIFA (planar inverted-F antenna), a meander antenna, a loop antenna, an inverted-F antenna, and a wire type antenna.

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8. A diversity antenna apparatus for a portable wireless terminal, comprising:

a first antenna protruding from one side of an upper end of the terminal so as to perform a transmitting and receiving function; and

a second antenna installed in a lower end of the terminal on a lower portion of a main board installed within the terminal and separated from the first antenna so as to perform a diversity receiving function.

9. The diversity antenna apparatus for a portable wireless terminal as set forth in claim 8, wherein the second antenna is separated from a front surface of the main board by a designated depth.

10. The diversity antenna apparatus for a portable wireless terminal as set forth in claim 8, wherein the second antenna is installed adjacent to an inner wall of a front casing of the terminal.

11. The diversity antenna apparatus for a portable wireless terminal as set forth in claim 8, wherein the second antenna is selected from the group consisting of a PIFA (planar inverted-F antenna), a meander antenna, a loop antenna, an inverted-F antenna, and a wire type antenna.

12. The diversity antenna apparatus for a portable wireless terminal as set forth in claim 8, wherein the portable wireless terminal includes:

a silicon keypad having a plurality of key buttons protruding from a front surface of the terminal; and

5 a flexible printed circuit for the keypad, interposed between the silicon keypad and the main board,

wherein the second antenna comprises first and second antenna pads, wherein the first antenna pad is interposed between the flexible printed circuit of the keypad and the main board, and the second antenna pad is interposed between the flexible printed circuit of the
10 keypad and the key buttons of the silicon keypad.